

# TACOCHECK

INDICATOR VALVE (SUPPLY, OEM VERSION)



Indicates and shuts off the flow from heating and cooling circuits directly in the flow manifold of the distributor.

## DESCRIPTION

The TacoCheck indicates whether there is a flow in heating and cooling circuits. Intensive development work made it possible to integrate a TacoCheck in the flow manifold in conjunction with a dynamic valve. The TacoCheck is available as an ON/OFF version (full indication from as little as 0.2 l/min) or as a rising indicator (0 – approx. 3 l/min). Systems that are correctly hydronically balanced ensure the ideal distribution of energy and economic operation in accordance with the Energy Saving Ordinance imposed by the legislator.

The TacoCheck allows a visiting heating contractor to immediately identify whether there is a flow, without the need to invest in training or expensive measuring equipment.

## INSTALLATION POSITION

The TacoCheck is installed directly in the flow manifold of the distributor. It can be installed in any position. The distributor adaptor must comply with the manufacturer's specifications to ensure the correct function.

## ADVANTAGES

- Direct flow indicator
- Indicator valve can be shut off
- Extremely compact
- ON/OFF or rising indicator available
- Any installation position

## OPERATION

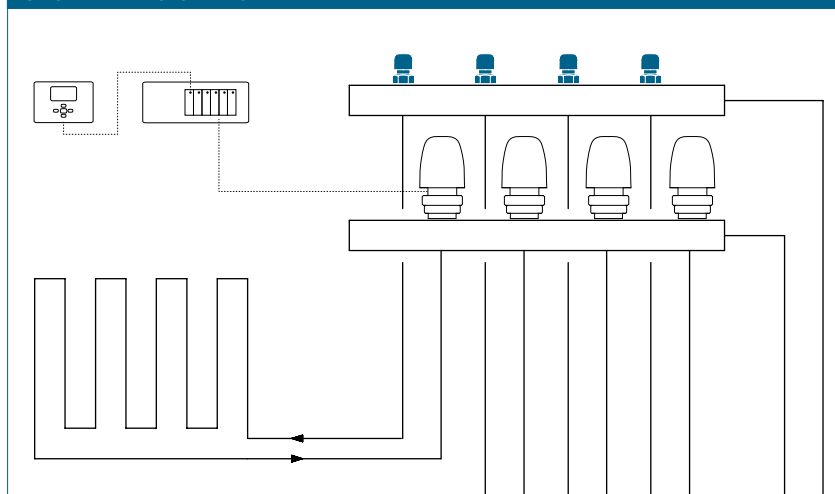
The flow measurement is based on the displacement principle of a baffle plate in the base part of the valve. The flow is visible directly in the sight glass because the baffle plate is connected to the pushrod, which acts against a spring. The scale printed on the sight glass is a visual indication of the flow. The ON/OFF version has to have a cylindrical base part, whereas the rising indicator uses a conical base part. Turning the sight glass opens or shuts off the valve.

## BUILDING CATEGORIES

For installations in the heating and cooling area:

- Apartment blocks, housing estates, multiple dwelling units
- Residential care facilities, hospitals
- Administration and service buildings
- Hotels and restaurants, industrial kitchens
- School buildings and sports facilities
- Commercial and industrial buildings
- Facilities with partial use, such as barracks, camping sites

## SYSTEM/BASIC DIAGRAM



TACOCHECK | INDICATOR VALVE (FLOW)

SPECIFICATION TEXT

See [www.taconova.com](http://www.taconova.com)

TECHNICAL DATA

General

- Medium temperature: 3 °C – +60 °C
- Operating pressure  $P_{0\ max}$ : 6 bar
- System test pressure:  
max. 10 bar (20 °C)
- Functions: ON/OFF indicator or  
rising indicator (0 – approx. 3 l/min)
- $k_{vs}$  value and measuring range:  
see type overview
- External thread G (cylindrical)  
as per ISO 228

Material

- Heat-resistant plastics and  
stainless steel
- Seals: EPDM

Fluids

- Heating water  
(VDI 2035; SWKI BT 102-01;  
ÖNORM H 5195-1)

ADDITIONAL MODELS

See data sheet for TopMeter Supply

ASSEMBLY

The torque must not exceed 10 Nm  
when fitting the TacoCheck to the  
distributor.

SERVICE

If necessary, the entire valve must  
be replaced.

TYPE OVERVIEW

TacoCheck | Indicator valve, flow

Order no.	DN	G	Measuring range	Nipple	$k_{vs}$ (m³/h)
223.2501.000	15	½"	ON/OFF	Plastic	2.9
223.2503.000	15	½"	0 – approx. 3,0 l/min	Plastic	2.5

DIMENSIONAL DRAWING

ON/OFF

0 – 3.0 L/MIN

1

Indicator unit

2

Sight glass

3

Sliding bar

4

Nipple

5

Flow pipe manifold

6

Baffle disc

7

Lower part of valve

■

Scope of delivery

NOTE

Depending on the individual design of your application, the manifold (lower part of valve) has to be adapted to the TacoCheck. For this purpose you will receive a drawing from us showing the required mounting dimensions.  
The sealing as well as the counterpart in the manifold remain in the responsibility of the customer in all cases.

CONTACT AND FURTHER INFORMATION

TACONOVA.COM

Taconova Group AG | Neunbrunnenstrasse 40 | CH-8050 Zürich | T +41 44 735 55 55 | F +41 44 735 55 02 | [group@taconova.com](mailto:group@taconova.com)  
Taconova UK Ltd | 2a Baxter Road | Sheffield S6 1JF | England | T +44 (0) 114 231 3700 | [adminuk@taconova.com](mailto:adminuk@taconova.com) | [taconova.uk](http://taconova.uk)